L 10844-67 EWT(m)/EWP(w) IJP(c) EM/WVH

ACC NRI AR6034735 (N) SOURCE CODE: UR/0124/66/000/008/V052/V052

AUTHOR: Starosel'skiy, V. B.

TITLE: Stress distribution in the coamings of open boats

SOURCE: Ref. zh. Mekhanika, Abs. 8V426

REF SOURCE: Tr. Leningr. in-ta vodn. transp. vyp. 81, 1965, 94-98

TOPIC TAGS: boat, stress distribution, differential equation, coaming

ABSTRACT: A study is made of a profile resting on the edges on inflexible diaphragms and subjected to axial forces applied along the edges, tangential stresses along the line of junction of the coaming and the hull and to transverse load in the plane of the vertical wall along the line of junction. The lower edge is fastened with respect to the turning angle. The problem is solved by V. Z. Vlasov's general variation method. A system of differential equations is composed, which, when solved, permits a determination of the bending of the coaming border in its plane and the additional stresses caused by this bending. An example of the calculation is presented. Ye. Sukacheva. [Translation of abstract] SUB CODE: 13/

Card 1/1 /m

ANSIMOV, V.V.; VASIL'YEV, V.G.; ROVNIN, L.I.; STAROSEL'SKIY, V.I.; ERV'YE, Yu.G.; MIGAY, L.S., vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Berezovo gas-bearing region] Berezovskii gazonosnyi raion.
Pod red. V.G. Vasil'eva. Moskva, Gos.nauchno-tekhn.izd-vo neft.
i gorno-toplivnoi lit-ry, 1960. 59 p. (MIRA 13:7)
(Berezovo region (Tyumen Province)--Gas, Natural--Geology)

ANSIMOV, Vladimir Vladimirovich; VASIL'YEV, Viktor Grigor'yevich; ROVNIN,
Lev Ivanovich; STAROSEL'SKIY, Vladislav Ivanovich; ERV'YE,
Yuriy Georgiyevich; IONEL', A.G., ved. red.; VOROB'YEVA, L.V.,
tekhn. red.

[Berezovo-Shaim oil- and gas-bearing region] BerezovoShaimskii neftegazonosnyi raion. Moskva, Gostoptekhizdat, 1962.

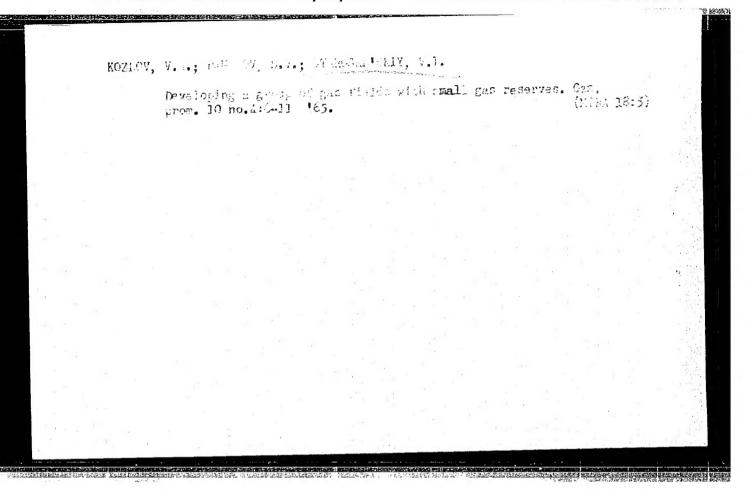
(MIRA 15:5)

(West Siberian Plain—Petroleum geology)
(West Siberian Plain—Gas, Natural—Geology)

VASIL'YEV, V.G.; YEROFEYEV, N.S.; ANIKEYEVA, I.B.; YELIN, N.D.;
YELOVNIKOV, S.I.; KOLOTUSHKINA, A.F.; L'VOV, M.S.;
MATVIYEVSKAYA, N.D.; MIRONCHEV, Yu.P.; MODELEVSKIY, M.Sh.;
MURATOVA, A.T.; MUSTAFINOV, R.A.; ROZHKOV, E.L.; SNEGIREVA,
O.V.; STAROSEL'SKIY, V.I.; SYTNIK, N.A.; NEVEL'SHTEYN, V.I.,
Ved. red.; YASHCHURZHINSKAYA, A.B., tekhn. red.

[Prospecting for gas fields in the U.S.S.R. during four years of the seven-year plant] Poiski i razvedka gazovykh mestorozhdenii v SSSR za chetyre goda semiletki. Leningrad, Gostoptekhizdat, 1963. 171 p.

(Gas, Natural-Geology)



RUSYY, V.D.; STAKUNALUKLY, V.Ya.

Effect of simultaneous hardening of holders and bits of hardalloy tools on their quality. Avt.prom. 31 no.5:39-42 My \*65.

(MIRA 18:5)

1. Minskiy avtozavod.

STAROSEL'SKIY, Ya. I.

FD 182

USSR/Chemistry - Nitrosylsulfuric Acid

Card 1/1

Author : Varlamov, M. L., and Starosel'skiy, Ya. I.

Title : A method of preparing crystalline nitrosylsalfuric acid

Periodical: Khim. prom. 3, 57-58 (185-186), April-May 1954

Abstract: Describe a method for the preparation of crystalline nitrosylsulfuric acid from sodium nitrite and sulfuric acid. The crystals prepared by this method are used for the preparation of nitroses having a definite content of nitrogen trioxide and of sulfuric acid and not containing

any free nitric acid. Illustrated by 1 figure. No references

Institution: Chair of the Technology of Inorganic Substances, Odessa Polytechnic

Institute

STAROSEL'SKIY, Ya. I., Cand Tech Sci — (diss) "Study of the process of absorption of coxides of nitron by sodium solutions in a gas-lifting apparatus." Odessa, 1957. 15 pp with drawings; 1 sheet of diagrams (Min of Higher Education UkSSR, Odessa Polytechnic Inst, Chair of Technology and Automatization of Ches Industries), 100 copies (KL, 15-58, 116)

-47-

STAKOS LLSKII I MA. I. VARIAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A. WARLAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A. WARLAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A. WARLAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A. WARLAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A. WARLAMOV, M. L., MANAKIN, G. A., BREIMNARD, G. Ya., GOSPODINOV, A. N., IVANOV, H. A.

"Investigation of a Hartmen Gas-Jet Generator and Its Application in Acoustic Coagulation of a Bulfuric Acid Mist."

paper presented at the 4th All-Union Conf. on Acoustics, Mesecw, 26 May - 5 Jun 58.

VARLAMOV, M.L.; MANAKIN, G.A.; STAROSEL'SKIY, Ya. I.

Purification of tower process in sulfuric acid fumes in apparatus of the type of flow measuring pipes. Zhur. prikl. khim. 31 no.2:178-186 (MIRA 11:5)

1. Odesskiy politekhnicheskiy institut.
(Sulfuric acid) (Packed towers)

STAROSEL'SKIY, Ya.I., Cand Tech Sci — (diss) "Study of the process of nitric oxide absorption by soda solutions in apparatus." Odessa, 1959, 15 pp with sketches; one sheet with diagrams (Win of Higher Education UkSSR.

Odessa Polytechnic Inst. Chair of Technology and Automatication of Chemical Production) 150 copies (KL, 3h-59, 11h)

- 56 -

VARLAMOV, M.L., doktor tekhn. nauk, prof.; MANAKIN, G.A.; STAROSEL'SKIY, Ya.I.; ZBROZHEK, L.S.

Analyzing the ammonia method for the removal of nitrogen oxides from the exhaust gases of a nitrose tower sulfuric acid system. Report No.1. Nauch. zap. Od. politekh. inst. 40:24-33 '62.

Analyzing the ammonia method for the removal of nitrogen oxides from the exhaust gases of a nitrose tower sulfuric acid system. Report No.2. Ibid.:34-44 (MIRA 17:6)

1. Predstavlena kafedroy "Tekhnologiya i avtomatizatsiya khimicheskikh proizvodstv" Odesskogo politekhnicheskogo instituta.

VARLAMOV, M.L.; MANAKIN, G.A.; STAROSEL'SKIY, Ya.I.; ZEROZHEK, L.S.

Ammonia method for the removal of nitrogen oxides of low concentration from gases. Zhur.prikl.khim. 36 no.18-15 Ja '63. (MIRA 16:5)

(Gases-Purification) (Mitrogen oxides)

(Ammonia)

VARLAMOV, M.L.; MANAKIN, G.A.; ZBROZHEK, L.S.; STAROSEL'SKIY, Ya.I.; Prinimala uchastiye: TSITKO, A.S.

Ammonia method for the removal of nitrogen oxides from the waste gases of the tower nitroso-sulfuric system. Zhur. prikl. khim. 36 no.11:2335-2343 N '63. (MIRA 17:1)

STAROSEL'SKIY, Ya. Yu. Cand. Biolog. Sci.

Dissertation: "Influence of Initial Nutrition on the Growth of Kok-Saghyz, its Development and the Accumulation of the Root Rubber Mass, 18 Dec 47. Moscow Oblast Pedagogical Inst.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

KOROLEV, L. I.: STAROSEL'SKIY, Ya. YU.

Herbichten

New properations for weed control. agrabiologia, No. 4, 1952.

Monthly List of Russian Accessions. Library of Congress. Hovember 1952 UNGLAUSIFIED.

### "APPROVED FOR RELEASE: 08/25/2000

# CIA-RDP86-00513R001652930005-0

StaroseL'SKiy, Yu. Ya. Va. Warbicides

FD-1728

Card 1/1

: Pub. 50-4/18

Authors

: Korolev, L. I., Starosel'skiy, Yu. Ya.

Title

The effectiveness of chemical agents used in the extermination of

weeds

Periodical

: Khim. prom., No 1, 15-18, Jan-Feb 1955

Abstract

: Discuss the properties and effectiveness of salts and esters of chlorophenylacetic acids, of nitrophenols and their salts, of phenyl carbamates, and of dichloralurea. State that one of the compounds enumerated (2,4-D) is used as a weed killer in USSR agriculture, while the others are being tested on a production or experimental scale. The nitrocompounds are to be used for the extermination of parasitic plants of the genus Cuscuta, which damage various crops in the USSR.

Six tables.

Institution : Scientific Research Institute of Fertilizers and Insectofungicides

Ñ

USSN/Moeds and Weed Control

Nos Jour : Ref Zhur - Biol., No 9, 1958, No 39610

: Korolev L.I., Starosel'skiy Ya.Yu. : Kolgoprudnyy Agronalical Experiment Station Luthor

: Application of Merbicides Before the Appearance of Sprouts Tnst Title

Orig Pub : Kukuruza, 1957, No 5, 52-54

Abstract : The verification of the efficiency of sowings treatment by

various herbicides, before the appearance of corn sprouts, showed that contact heroicide and particularly sodium dinitroorthocresolate (DNOC) gives much better results than the carino salt 2,4-D. This study was conducted by the Dolgoprudniy agronomical experiment station in the Moscow Oblast.

... N.N. Sokolov.

: 1/1 Co.rd.

8

CIA-RDP86-00513R001652930005-0" APPROVED FOR RELEASE: 08/25/2000

MAGNITSKIY, Konstantin Pavlovich, doktor sel'khoz. nauk; STAROSEL'SKIY, Ya.Yu., kand. biol. nauk; LEONOVA, T.S., red.; NAZAROVA, A.S., tekhn. red.

[Chemistry in the service of agriculture; new fertilizers and herbicides] Khimiia idet na polia; novye udobreniia i gerbitsidy. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.12)

(MIRA 15:7)

(Fertilizers and manures) (Herbicides)

AUTHOR:

2-58-6-8/16.

Starosel'skiy, Ye., Senior Engineer of the TsSU USSR;

Tsagareli, D., Senior Inspector

of the TsSU USSR Finance Department

(Mekhanizatsiya Mechanization of Statistical Processes

statisticheskikh razrabotok) TITLE:

Vestnik statistiki, 1958, Nr 6, pp 61-65 (USSR) PERTODICAL:

The reorganization of control over industry and construction in the USSR, made imperative the centralization of records and ABSTRACT:

statistics in the branches of the Central Administration of Statistics. Such a centralization required that all statistical reports made by industrial enterprises and building organizations be sent to respective statistical agencies for evaluation. To cope with the work load in the Union republics, autonomous republics, oblast's and krays, the statistical agencies have been provided with computing stations. Depending on the computer type used, the newly organized MSS & divided into two groups: those using digital computing mechanes only (for comput-

ing, book-keeping), and those equipped with both digital computing machines and punched-card computers. The punched-card com-

Card 1/2

CIA-RDP86-00513R001652930005-0" APPROVED FOR RELEASE: 08/25/2000

STAROSEL'TSEV, V.S.; GIL'KIN, V.N.

Prospecting for copper-nickel ores based on the occurrence of boulders. Inform. sbor. NIIGA no.32:45-51 '62. (MIRA 16:12)

STAROSEL'TSEV, V.S., inzh.

Result of drawing pillars subject to bumps at the Kalinin Mine.
[Trudy] VNIMI no.49:204-208 '62. (MIRA 17:4)

1. Shakhta imeni Kalinina kombinata Kizelugol' Kizelovskogo kamennougol'nogo basseyna.

STAROSEL'TSEV, V.S.

Preliminary evaluation of the prospects for finding minerals according to glacial boulders. Gaol. i gaofiz. no.6:128-130 64. (MIRA 18:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

SOKOLOV, A.A.; VIASENKO, V.I.; GURVICH, A.Ye.; STAROSELTSEVA, L.K.

Photoelectric densitometer and its use in evaluating the results of paper electrophoresis. Vop.med. khim. 2; no.3:222-228 My-Je :56.
(MLRA 9:10)

1. Inzhenerno-fizicheskiy institut i Leboratoriya fiziologicheskoy khimii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

(ELECTROPHORESIS, apparatus and instruments, densitometer, photelectric (Rus))

KAPLANSKIY, S.Ya.; KUZOVLEVA, O.B.; STAROSEL'TSEVA, L.K.

Paper electrophoresis of liver proteins [with summery in English].

Vop.med.khim. 3 no.6:451-455 N-D '57. (MIRA 11:2)

1. Laboratoriys fiziologicheskoy khimii Instituta biologicheskoy i meditainakoy khimii AMN SSSR, Moskva.

(LIVER, metabolism, proteins, electrophoresis (Rus))

(PROTEINS, metabolism, liver, electrophoresis (Rus))

KAPLANSKIY, S.Ya.; GURVICH, A.Ye.; STAROSEL'TSEVA, L.K.

Comparative investigation of the electrophoretic and immunological properties of organ and serum proteins [with summery in English].

Biokhimita 23 no.1:114-118 Ja-F '58. (MIRA 11:3)

1. Laboratoriya fiziologicheskoy khimii Instituta biologicheskoy i meditsinskoy khimii ANN SSSR, Moskva.

(PROTEINS,

electrophoretic & immunol. properties, comparison with serum proteins (Rus)

(BLOOD PROTEINS,

electrophoretic & immunol. properties comparison with proteins of various organs (Rus)

KAPIANSKIY, S.Ya.; LEBEDEVA, H.K.; STAROSELITSEVA, L.K.

Electrophoretic and immunochemical investigation of proteins in the kidney, blood serum, and urine in experimental nephritis. Vopr. med. khim. 5 no.3:225-231 My-Je '59. (MIRA 12:7)

1. Inhoratory of Physiological Chemistry, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(NEPHRITIS, exper.

protein metab., electrophores & immunochem. aspects (Rus))

(PROTEINS, metabolism,

in exper. nephritis, electrophores is & immunochem. aspects)

KAPLANSKIY, S.Ya.; STAROSELITSEVA, L.K.

Electrophoretic and immunological changes in organ and serum proteins associated with protein deficiency and certain pathological conditions of the liver and kidneys in rats [with summary in English]. Biokhimiia 24 no.1:86-93 Ja-F 159. (MIRA 12:4)

1. Laboratory of Physiological Chemistry, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(PROTEINS, metab.
blood & various organs, electrophoretic & immunal.
aspects of protein defic. & liver & kidney inj. in
rats (Rus))

(LIVER, physiol.

eff. of exper. inj. on proteins in blood & various organs, electrophoretic & immunol. aspects (Rus))
(KIDNEYS, physiol.

same)

### STAROSEL'TSEVA, L.K.

Immunochemical changes in serum proteins in cholecystitis.
Vop. med. khim. 6 no.3:316-320 My-Je '60. (MIRA 14:3)

l. Laboratoriya fiziologicheskoy khimii Institute biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(GALL BLADDER-DISEASES) (BLOOD PROTEINS)

BONDAR', Z.A.; KAPLANSKIY, S.Ya.; MAKAROVA, N.A.; STAROSEL'TSEVA, L.K.; SHMUL'IAN, T.R.

Change in the immunological properties of serum proteins in chronic liver diseases. Terap.arkh. 32 no.11:21-28 N \*60.

(MIRA 14:1)

1. Iz laboratorii patologii belkovogo obemna i immunokhimii (zav. - prof. S.Ya. Kaplanskiy) Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i fakul'tetskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. V.N. Vinogradov)
I Moskovskogo ordena Lenina meditsinskogo instituta I.M. Sechenova.

(BLOOD PROTEINS) (LIVER-DISEASES)

STAROSELTSEVA, L. K., and KAPLANSKIY, S. YA. (USSR)

"Changes in the Immunological Properties of Blood Serum Proteins in Patients with Various Diseases of the Liver."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

 STAROSELITSEVA, L.K.; OZERETSKOVSKAYA, N.Ye.; EDELIMAN, Z.I.:
ANAMENKO, A.A.; GERSHKOVICH, V.I.

Changes in the immunological properties of blood proteins in rheumatic diseases in children. Vop. med. Khim. 9 no. 3: 239-244 My-Je 163. (MIRA 17:9)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSOR i Institut pediatrii Ministerstva zdravookhranenlya RSVSR. Moskva.

BONDAR', Z.A., prof. (Moskva); STAROSEL'ISEVA, L.K. (Moskva)

Changes in the immunological properties of serum proteins in chronic liver diseases and the results of their treatment.

Vop.med.virus. no.9:281-284 164. (MIRA 18:4)

### STAROSEL'TSEVA, L.K.

Distribution of immunologically changed proteins in various serum protein fractions of patients with cholecystitis and serum cirrhosis. Vop.med.khim. 11 no.5:32-35 S-0 \*65. (MIRA 19:1)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. Submitted April 24, 1964.

BAYDA, Leonid Il'ich; DOBROTVORSKIY, Nikolay Stepanovich; DUSHIN, Yevgeniy Mikhaylovich; MOKIYENKO, Dobroslava Nikolayevna; PREOBRAZHENSKIY Aleksey Alekseyevich; PCHELINSKAYA, Sof'ya Nikodimovna; STAROSEL'TSEVA, Yelena Aleksandrovna; FREMKE, Andrey Vladimirovich, doktor tekhn. nauk, prof.; ORSHANSKIY, D.L.; PREOBRAZHENSKIY, A.A., red.; SOBOLEVA, Ye.M., tekhn.red.

[Electrical measurements; a general course] Elektricheskie izmereniia; obshchii kurs. Izd.3., perer. i dop. [By] L.I. Baida i dr. Moskva, Gosenergoizdat, 1963. 428 p. (MIRA 17:3)

#### STAROSEL TSEVA, Ye.A.

Measuring converter of insulation resistance of an a.c. circuit. Izv. vys.ucheb.zav.; prib. 7 no.5:29-34 64. (MIRA 17:12)

l. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova (Lenina). Rekomendovano kafedroy elektroizmeritel'noy tekhniki.

#### 38233. STAROSGIN. S. N.

Izucheniye vliyaniya razlichnykh faktorev na sokhraneniya yagnyat romanovskoy porody. Trudy Vsesoyuz. opyt. stantsii zhivotnovodstva, vyp. 1, 1949, s. 144-59. - Bibliogr: 3 Nazv.

STAROSHCHUK, Kh.V., dotsent

Results of a hygienic study of noises in dwelling houses.

Results of a hygienic study of noises in dwelling houses.

Gig. i san. 28 no.7:89192 Jl 163. (MIRA 17:1)

1. Iz kafedry obshchey gigiyeny L'vovskogo meditsinskogo instituta.

STAROSKOL'SKIY, A. A.

7685. MAL'STEY, N. D. I. STAROSKOL'SKIY, A. A. -- Krasil'nyy tsentrifugal'nyy ajarat KTSV-120. M., (Gizlegprom, 1954.52 ss Chert; 2 Lichert. 20 sm. 3.000 ekz. 1 R. 30 K. -- (55-4202)p 677.027:667.2

SO: Knizhmaya Letopis', Vol. 7, 1955

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MAL'TSEV, N.D.; STAROSKOL'SKIY, A.A.

Problem of mercerizing yarn. Tekst.prom.14 no.1:35-37 Ja \*54.
(MLRA 7:2)

1. Glavnyy inzhener Semenovskoy krasil'no-appreturnoy fabriki (for Mal'tsev). 2. Starshiy inzhener Tekhnicheskogo upravleniya Ministerstva promyshlennykh tovarov shirokogo potrebleniya RSFSR (for Staroskol'skiy). (Mercerisation)

STARCSKCL'SKIY, A. A.

MAL'TSEV, N.D., inzhener; MATUSEVICH, L.M., inzhener; STAROSKOL'SKIY, A.A., inzhener.

Increasing the quality of stockings made from mercerized yara.

Leg.prom. 14 no.6:32-33 Je '54. (MIRA 7:8)

(Hosiery)

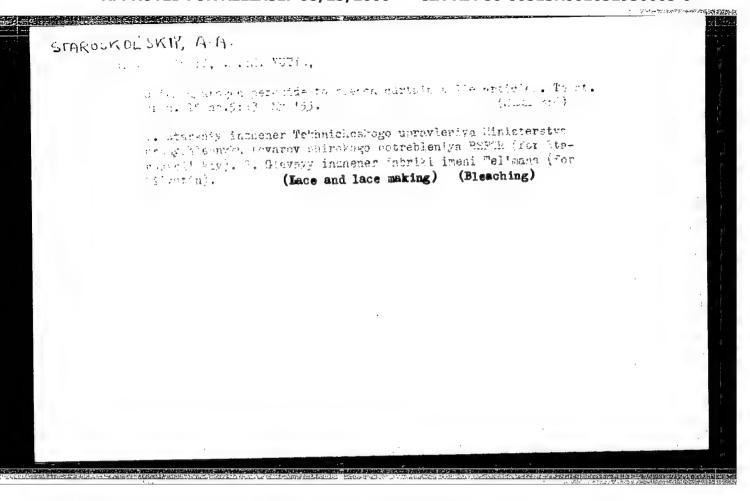
STAROSKOL'SKIY. A.A.; RATMOVSKAYA, Ye.D.; GII'NAN, A.B.

Use of wetting agents in skein yarn mercerizing. Leg.prom.15 no.2:
47-50 F '55.

(Mercerization)

### "APPROVED FOR RELEASE: 08/25/2000 CIA-R

CIA-RDP86-00513R001652930005-0



STAROSKOL'SKIY. Aleksey Alekseyevich; KRASOVSKAYA, Yekaterina Nikolayevna; SIBIRTSEV, S.L., retsenzent; GUSEVA, Ye.M., redaktor; MEDVEDEVA, L.A., tekhnicheskiy redaktor

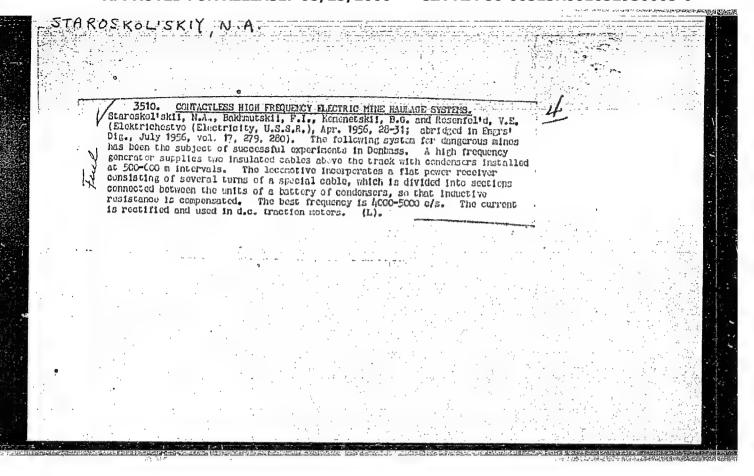
[Dyeing and finishing of textile and haberdashery goods] Krashenie i otdelka tekstil'no-galantereinykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956. 187 p. (MIRA 10:5)

(Dyes and dyeing) (Textile industry)

STAROSKOL'SKIY, A.A., inzhener; SEVAST'YANOV, N.V., inzhener.

Sueding of double needle bar locknit cotton fabrics. Leg.pron.
16 no.12:22-23 D'56.
(Cotton finishing)

(Gotton finishing)



STAROSKOL'SKIY, A.A., inzhener. Mechanizing santin ribbon dyeing process. Leg. prom. 17 no.5:
(MLRA 10:6) 37-39 My 157.

(Dyes and dyeing-Apparatus)

SEVAST'YANOV, N.V., inzh.; STAROSKOL'SKIY, A.A., inzh.

Yarn dyeing in the knitting industry. Leg.prom. 17 no.8:35-36
Ag '57.

(Yarn) (Dyes and dyeing--Apparatus)

STAROSKOL'SKIY, A.A., inzh.

Bleaching by hydrogen peroxide. Leg. prome 18 no.5:38-39 My '58.

(Bleaching agents)

(MIRA 11:6)

#### STAROSKOL SKIY, A.A.

Experiences in the modernization of dyeing and rinsing units.

Tekst.prom. 20 no.2:50-53 F 160. (MIRA 13:6)

1. Glavnyy spetsialist Tekhnicheskogo upravleniya Mosgorsovnarkhoza.

(Dyes and dyeing-Equipment and supplies)

STAROSKOL'SKIY, A.A.; KUZ'MIN, S.N.; MAL'TSEV, N.D., retsenzent; AKSENOVA, I.I., red.; TRISHINA, L.A., tekhn. red.

[Chemical plants for dyeing and finishing processes]Khimi-cheskie stantsii krasil'no-otdelochnogo proizvodstva. Moskva, Rostekhizdat, 1962. 185 p. (MIRA 15:11)

(Dyes and dyeing-Apparatus) (Textile finishing)

STAROSKOL'SKIY, A.A.

New technology in textile fabric dyeing with direct and reactive dyes. Tekst.prom. 22 no.4:59-61 Ap 162 (MIRA 15 (MIRA 15:6)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(eyes and dyeing). (Carvile fabrics)

CIA-RDP86-00513R001652930005-0" APPROVED FOR RELEASE: 08/25/2000

STAROSKOLISKIY, A.A.

Rapid method of sizing cotton fabrics. Tekst.prom. 22 no.8:83
(MIRA 15:8)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovateliskikh rabot. (Sizing (Textile))

STAROSKOL'SKIY, A.A.

Bleaching of fabrics with sodium chloride in alkali medium.

Tekst.prom. 22 no.9:84 S '62. (MIRA 15:9)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo kombinata Soveta Ministrov SSSR po korrdinatsii nauchno-issledovatel'skikh rabot. (Bleaching)

## STAROSKOL'SKIY, A. A.

Using the "thermosol" method for dyeing textile fabrics. Tekst. prom. 23 no.3:61-63 Mr 163. (MIRA 16:4)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(Dyes and dyeing) (Textile fabrics)

STAROSKOL'SKIY, A.A.

New types of fabrics and fibers. Tekst.prom. 23 no.5:52-53 My (MIRA 16:5)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh (Metal cloth) (Rayon) rabot.

CIA-RDP86-00513R001652930005-0" APPROVED FOR RELEASE: 08/25/2000

STAROSKOL'SKTY, A.A.

Method of printing without back grey. Tekst. prom. 25 no.3: 60-61 Mr '65. (MIRA 18:5)

1. Glavnyy spetsialist Gosudarstvennogo komiteta po koordinatsii nauchno-issledovatel'skikh rabot SSSR.

 STAROSKOL'SKIY, N. A.

On 22 February 1946, at the Power Engineering Institute imeni Molotov, defended his dissertation on "The Three-Wire System of Power Supply in Electric Traction". Official opponents - Doctor of Technical Sciences Professor K. G. Markvardt, and Doctor of Technical Sciences Professor V. Ye.Rozenfel'd.

So: Elektrichestvo, No 4, April 1947, pp 90-94 (U-5577, 18 February 1954)

An analysis was made of the advantages of the three-wire system of supplying direct current to the contact networks of the streetcar, Metro, suburban, and approach lines in comparison with the two-wire system. Methods were investigated for transverse and length-wise sectioning of the network with alternating sectors of varying polarity. Experimental investigation of a test portion of the Kazan' street-car system has shown that with the three-wire system the mean load of the feeders drawing power was reduced by from 1.5 to 8 times and power losses by 8.5 times, while the working voltage on current-drawing cars was increased by 4 percent. An estimate was made of the cost of rebuilding the substations and networks to a three-wire system, and it was shown that these costs would be amortized within one to one and one-half years.

So: IBID

- STAROSKOL'SKII, Docent N. A. 1.
- USSR (600)
- Popeliash, V. N.
- 7. Remarks to V. N. Popelyash's article "Three-conductor system of electric power supply for trolley buses." Elektrichestvo no. 12, 1952.

Monthly List of Russian Accessions. Library of Congress, March 1953. Unclassified.

STHROOKOL'SKIY, N.H.

Electrical Engineering Abstracts
May 1954
Engineering.

1854. Relation between incendire current and frequency. N. A. STAROSKOL'SKII AND F. I. HARHMUTSKII.
Elektrichestvo, 1953, No. 7, 59-60. In Russian.

Since ...ning locomotives to work on a 1500-78000 c/s supply are under consideration and mining communications and dispatching installations are being operated at 10-2 Mc/s, the relation between incendive current and frequency becomes of practical interest. Previous investigations of Thornton and Wheeler, and also of Russian authors, yielded partly contradictory results; thus, Thornton found between 40 and 100 c/s an increase of the incendive current by a factor 3-5-4-5 (voltage range 400-800 V), whereas Wheeler found no relation between frequency and incendive current. The authors designed their testing circuit in accordance with Soviet regulations for safety in mines and tested at 50, 480 and 2500 c/s. The corresponding values of the incendive current found were 0-205, 0-222 and 0-280 A, respectively, thus revealing no appreciable increase with the frequency. It seems that the small increase may be explained by the fact that the faculty of propagation of the small are drawn in the explosion chamber weakens with increasing frequency, and has to be compensated by a small increase of the current.

8-13-548

STARGEROLSKY, N.A.

Subject : USSR/Electricity

AID P - 2339

Card 1/1 Pub. 27 - 3/30

Staroskolskiy, N. A., Kand. of Tech. Sci. Dotsent Author

Title Electric mine-locomotive with a flywheel energy storage

Periodical: Elektrichestvo, 5, 13-17, My 1955

The author describes a locomotive designed by "Oerlikon" Abstract

in Switzerland, based on the principle of storing kinetic energy in a flywheel which rotates at high speed and is coupled to a squirrel-cage motor. The gas-tight enclosure is filled with low-pressure hydrogen to give minimum

friction losses. The author gives technical data of the so-called "electro-gyro" on the basis of articles in foreign periodicals. Five diagrams, 4 non-Soviet references (1947-1952).

Institution: Donets Scientific Research Coal Institute

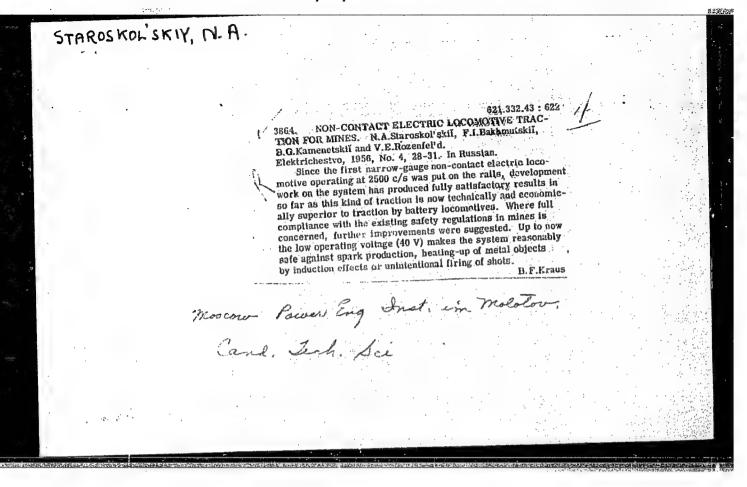
Submitted F 10, 1955

STAROSKOL'SKIY, N.A., kandidat tekhnicheskikh nauk, dotsent

STAROSKOL'SKIY, N.A., kandidat tekhnicheskikh nauk, dotsent

Hauling capacity of mine storage battery locomotives. Ugol' 30 (MIRA 8:10) no.7:40 Jl'55.

1. Donetskiy ugol'nyy institut (Electric locomotives)



STAROSKOL'SKIY, N.A., kand.tekhn.nauk; KAMENETSKIY, B.G., kand.tekhn.nauk

Operating conditions of traction substations in contactless
electric transportation. Sbor.DonUGI no.17:86-91 '58.

(MIRA 12:5)

(Mine railroads)

(Electric substations)

SOV/110-59-2-13/21

Starosko skiy, N.A., Candidate of Technical Sciences, Bakhmutskiy, F.I., Engineer, Rozenfel'd, V.Ye. AUTHORS:

Doctor of Technical Sciences, Professor

Mine Haulage by Contactless High-Frequency Electric TITLE:

Locomotives (Rudnichnaya otkatka beskontaktnymi

elektrovozami povyshennoy chastoty)

PERIODICAL: Vestnik Elektropromyshlennosti,1959,Nr 2,pp 55-60(USSR)

ABSTRACT: High-frequency contactless electric locomotives are likely to prove useful in mines where there is a risk of fire. This system employs inductive transfer of energy from the system to the moving locomotive, a schematic diagram of the arrangement being given in Fig 1. The power distribution system consists of two insulated cables suspended at a height of 1.7 metres. This system acts as a primary circuit, the secondary circuit being located on the locomotive. The current in the primary circuit is automatically maintained constant whatever the load on the locomotive. The main difficulty in developing contactless electric transport is that the electro-

magnetic linkage between primary and secondary is weak Card 1/5 because closed magnetic circuits cannot be used. Conditions are best at high frequency, and the frequency

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sov/110-59-2-13/21

Mine Haulage by Contactless High-Frequency Electric Locomotives of 2,500 c/s has been used on an experimental installation with an electric locomotive of 15 - 20 kW. Even at 2500 c/s the inductive reactance of the section line is 22 - 23 ohms/km and, therefore, compensating capacitors must be installed at intervals of 500 - 600 metres along the line. The power receiver installed on the locomotive consists of a steel core and several turns of cables. The cables are of special construction to reduce skin effects. The inductive reactance of the power receiver is 15 - 20 ohms and it must accordingly be sectionalized. Considerable difficulties are experienced in designing traction motors for frequencies of 1000 c/s and more. However, dry type rectifiers operate satisfactorily at such frequencies and so direct current motors are recommended. A special feature of the conditions of operation is that the voltage varies very greatly with the load. A number of other constructional problems are described. The first contactless electric locomotive running at a frequency of 2500 c/s commenced operation in 1951 on an experimental surface narrow gauge line. An experimental installation 1.5 km long was installed in a mine in 1954. Card 2/5

SOV/110-59-2-13/21

Mine Haulage by Contactless High-Frequency Electric Locomotives After the equipment had operated successfully for seven months it was dismantled as the convertor was required for further development work in the laboratory. A new experimental line with two locomotives has been operating in the same mine since early in 1958. A 100 kW highfrequency furnace type generator is used. The rest of the installation is briefly described. The maximum power of the locomotive depends on the conditions and ranges from 13 - 20 kW. The locomotives have been convenient to control and reliable in operation. There have been several cases of capacitor failure. Safety questions are then considered. The possibility of dangerous e.m.f.'s being induced in other conductors is considered and it is found that dangerous values are unlikely to occur. Interference with telephonic communications is not excessive. The electrical equipment on the locomotives and the line capacitors must, of course, be explosionproof. Consideration is given to the selection of frequency and it is concluded that a frequency in the Card 3/5 neighbourhood of 3000 c/s is best. Theoretical traction characteristics for a contactless locomotive weighing

SOV/110-59-2-13/21

Mine Haulage by Contactless High-Frequency Electric Locomotives 8.5 tons at a frequency of 3000 c/s are given in Fig 3. It is considered that contactless locomotives will be useful when it is required to haul 350 - 400 tons of coal per day or more, and they become particularly attractive at rates of 1000 tons of coal per day. Figures are given for the overall efficiency of the system and these range from 14% at 400 tons of coal per day to 25% at 1750 tons of coal per day. Operating experience with nickel iron accumulators in mining locomotives shows that the mean efficiency of accumulator haulage is about 23%. efficiency is reckoned only to the battery terminals and as rheostats are more used in battery locomotives their power consumption is some 10% higher than that of the corresponding contactless locomotive. The overall efficiency of the contactless system could be improved by the use of ionic frequency changers. A disadvantage of contactless locomotives is that they are somewhat higher than battery types, overhead wires are necessary and the

Card 4/5

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construction is somewhat complicated. The power of the

STAROSKOL'SKIY, Nikolay Aleksandrovich, kand.tekhn.nauk, dotsent

Circuits for connecting semiconductor rectifiers on high-frequency electric locomotives in coal mines. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:80-87 '60. (MIRA 14:5)

l. Kafedra elektrotekhniki i elektrooborudovaniya Vsesoyuznogo zaochnogo inzhenerno-stroitel'nogo instituta.

(Electricity in mining) (Electric locomotives )

PETROV, G.N.; ROZENFEL'D, V.Ye.; KAGANOV, I.L.; PETROV, I.I.;

STAROSKOL'SKIY, N.A.; TARE, B.M.

Vasilii Aleksandrovich Iz iurov. Elektrichestvo no.7:93 J1

'60. (NIRA 13:8)

(Iz iurov, Vasilii Aleksandrovich, 1885-)

BAKHMUTSKIY, F.I., inzh.; OROKHOVSKIY, I.I.; KHARLAMOV, V.V., inzh.;
ROZENFEL'D, V.Ye., doktor tekhn.nauk; STAROSKOL'SKIY, N.A.,
kand.tekhn.nauk, dots.

Mine haulage by means of high-frequency electric locomotives.

Ugol 1 35 no.6:29-33 Je 160. (MIRA 13:7)

STAROSKOL'SKIY, N.A., kand. tekhn. nauk

Electric power feed on a contactless electric mins locomotive.

Yop. rud. transp. no.5:298-323 '61. (MIRA 16:7)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.

(Electric locomotives)

ROZENFEL'D, Vitaliy Yevgen'yevich, doktor tekhn. nauk, prof.;
STAROSKOL'SKIY, Nikolay Aleksandrovich, kand. tekhn. nauk, dotsent;
DOVZHIN, Vladimir Iosifovich, aspirant [deceased]

Control of high-frequency mine locomotive using magnetic amplifiers. Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1294-1299 '65. (MIRA 19:1)

MIKULEC, Jan, mgr inz.; STAROSOLSKI, Wlodzimierz, dr inz.

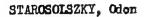
Stiffnes testing of the ceramic block and the foundation of the knuckle of a coke oven battery. Problemy proj hut maszyn 11 no. 6: 180-189 Je '63.

1. Kierownik Pracowni Budowlanej, Koksoprojekt, Zabrze (for Mikulec). 2. Politechnika Slaska, Gliwice (for Starosolski).

PTAR CLOCKE, Wlodzimis z; PARYA, Notopiow

Prefabricated prestressed bridges of over all atypic dimensions. Problemy proj but maszyn 12 no.3272-76 Mr. 64

1. Folitechnika Siaska, Gliwica (for Dianoselski). Yoksoprojekt Zabrza (for Polka).



"Hydraulic laboratory tests" by D.S.Wilker. Reviewed by Odon Starosolszky. Hidrologiai kozlony 36 no.3:220 Je\*56.

STAROSOLSZKY, Odon

Hydraulic laboratory of the Ljubljana University. Vizugyi kozl no. 1/2:143-144 157.

STAROSOISZKY, Odon

Venturi meter to measure low waters. Vizugyi kozl no. 1/2: 149-152 '57.

STAROSOLSZKY, Odon

The Lisbon Research Institute of the Construction Industry. Vizugyi kozl no.3:296-299 157.

# STAROSOLSZKY, Odon

"Proceedings of the Sixth Hydraulic Conference, June 13-15, 1955", edited by L. Landweber, P.G. Hubbard. Reviewed by Odon Starosolszky. Hidrologiai Kozlony 37 no.4:321 '57

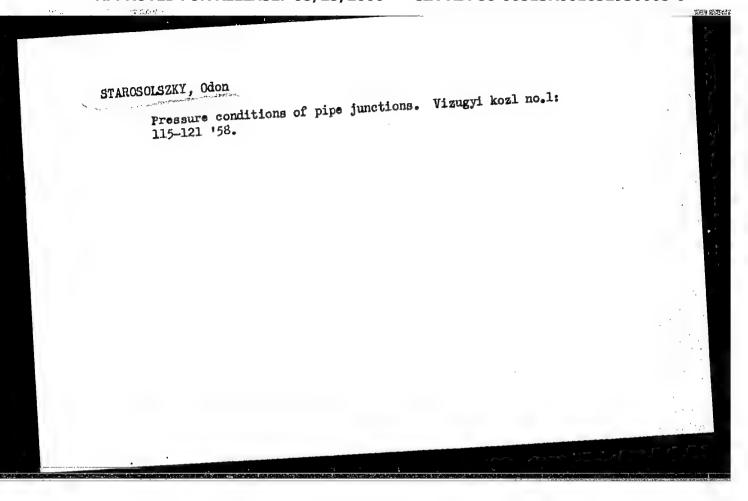
"Handbook on hydraulics" by M.A. Mostkow [Mostkov, M.A.].
Reviewed by Odon Starosolszky. 329

Experiments in the Tiszafured irrigation system. 384.

MARCZELL, Ferenc; FUSKAS, Tamas; STAROSOLSZKY, Odon

Barrage hydroelectric stations in Dobsina and Orava.

Hidrologiai kozlony 38 no.l:55-66 F'58.



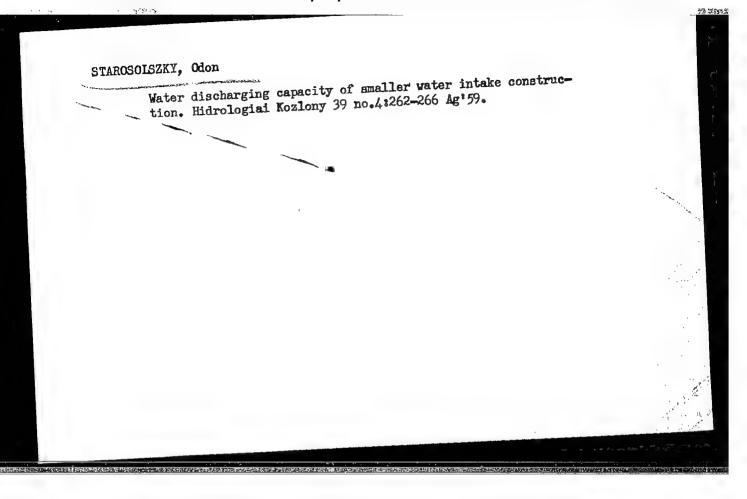
# Power losges in open channels caused by section changes. Vizugyi kozl no.2:287.291 '58.

#### STAROSOLSZKY, Odon.

"Floods" by W.G.Hoyt, W.B.Langbein. Reviewed by Odon Starosolszky. Hidrologiai kozlony 38 no.1:20 F'58.

"Surge tanks" by A. Gardel. Reviewed by Odon Starosolszky. 20.

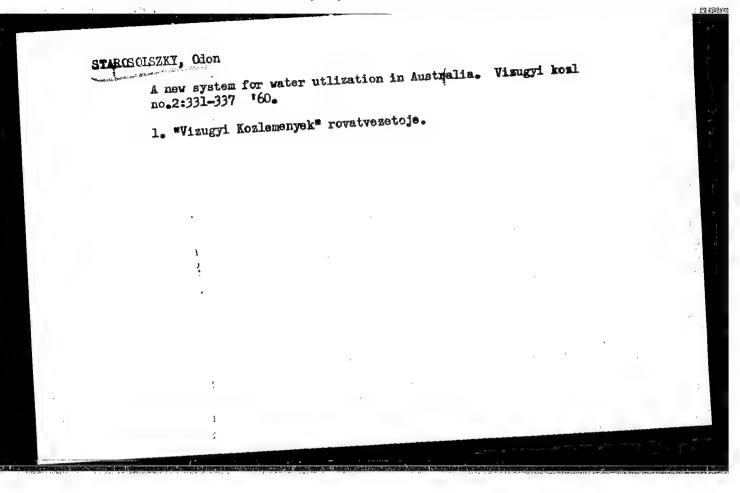
\*The observation of the behavior of the Portuguese concrete dams\* by M. Rocha, I.L. Serafim, A.F. da Silveira, O.V. Rorigues. Reviewed by Odon Starosolszky. 41.

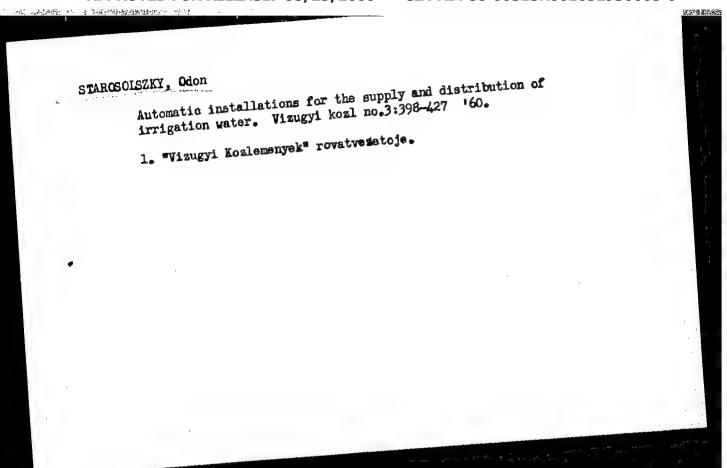


STARCSOLZSKY, Odon

Water utilization in the Tennessee Valley. Vizugyi kozl no.1: 156-165 160.

l. "Vizugyi Koslemenyek" rovatvezetoje





# STAROSOLSZKY, Odon

Making the Niger River navigable. Vizugyi kozl no.3:509-516 '60.

l. "Wizugyi Kozlemenyek" rovatvezetoje.



STAROSOLSZKY, Odon

Report on the 4th Madrid Congress of the International Commission on Irrigation and Drainage (ICID). Hidrologiai kozlony 40 no.5:416 0 '60.

STARCSOLSZKY, Odon

The Logis-Neuf barrage on the Rhone River. Vizugyi kozl no.1: 113-120 \*61.

1. "Vizugyi Kozlemenyek" rovatvezetoje.

STARCSOISZKY, Odon, oklevales mernok, tudemanyos munkatars

Chapters from the water economy of Spain. Vizugyi kozl no.2:150-165 \*61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet; "Vizugyi Kozlemenyek" royatyezetoje.

STAROSOISZKY, Odon, okleveles mernok, tudomanyos munkatars

Wave hydraulics. Vizugyi kozl no.3:293-312 '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet; "Vizugyi Kozlemenyek" rovatvezetoje.

LACZKO, Agnes; STAROSOLSZKY, Odon

The mantle-type water distributer and its field investigation. Hidrologiai kozlony 41 no.1:17-23 F 61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

VAGAS, Istvan; STAROSOLSZKY, Odon

Society and technical news. Hidrologiai kozlony 41 no.1:23,30, 42,74,84 F '61.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja es rovatvezetoje (for Vagas). 2. Vizgazdalkodasi Tudomanyos Kutato Intezet (for Starosolszky).

LACZKO, Agnes; STAROSOLSZKY, Odon

Peak power generating experiments at the Tiszalok Hydroelectric Station. Hidrologiai kozlony 43 no.4:310-317 Ag'63.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

ERABICZ, Laszlo; MISZKALAY, Laszlo; STAROSOLSZKY, Odon

New instruments for local hydraulic tests. Hidrologiai kozlony 44 no. 2:73-79 F '64.

1. Scientific Research Institute of Water Resources Development, Budapest.

HERNADY, Alajos, mernok, fomernok, STAROSOLSZKY, Odon, mernok

Field investigation at Tiszalok barrage. Vizugyi kozl no.3:377-414 '64.

1. Scientific Division Chief, Scientific Research Institute of Water Resources Development, Budapest (for Starosolčszky).

STAROSOLSZKY, Odon, mernok

Chapters from the water economy of Great Britain. Vizugyi kozl no.3:491-501 64.

1. Scientific Division Chief, Scientific Research Institute of Water Resources Development, Budapest.

MUSZKALAY, Laszlo; STAROSOLSZKY, Odon

Movements on Lake Bulaton caused by wind. Hidrologiai kezlony 44 no. 3: 337-344 Ag '64.

1. Scientific Research Institute of Water Resources Development, Budapest.